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L Number	Hits	Search Text	DB	Time stamp
-	142	73/862.331.ccls.	USPAT;	2003/09/02 16:44
			US-PGPUB;	
:			ЕРО; ЈРО;	
			DERWENT;	
			IBM_TDB	
	2	6532831.pn.	USPAT;	2003/09/02 16:37
		•	US-PGPUB,	
			ЕРО; ЈРО;	
İ			DERWENT;	
			IBM_TDB	
	10	("2498282"   "4881414"   "4907460"   "4972725"   "5046372"	USPĀT	2003/09/02 16:38
		"5083468"   "519 <sup>-3</sup> 382"   "5578767"   "5637997"   "5796014"		
		"2001/0004849", \\.		
	207	73/862.335.ccls.	USPAT;	2003/09/02 16:45
		10,002,003,003	US-PGPUB;	
ľ			EPO; JPO;	
i			DERWENT;	
i			IBM_TDB	
	303	73/862.333.ccls.	USPAT;	2003/09/02 16:45
	303	, 5, 552.555, 4010.	US-PGPUB;	2005.07.02 10.75
į			EPO; JPO;	
			DERWENT;	
			IBM TDB	
	111	73/862.336.ccls.	USPAT;	2003/09/02 16:55
	111	737802.330.CCIS.	US-PGPUB;	2003/07/02 10.53
			EPO; JPO;	
			DERWENT;	
			IBM_TDB	
	0	6532831.URPN.	USPAT	2003/09/02 16:58
•	0		1	
-	5	(rotor near6 (core coil)) same ((first second two pair) near5 rotor) same	USPAT;	2003/09/02 17:15
		((oscillat\$4 vibrat\$4 signal\$4) near6 coil) same ((rotat\$4 near4 guid\$4)	US-PGPUB;	
		or ((bearing or ring or annular) near4 (guid\$4 direct\$4 regulat\$4	EPO; JPO;	
		control\$4)))	DERWENT;	
	260	100 100 1 100 1 100 100 100 100 100 100	IBM_TDB	2002/00/02 17:21
•	368	(rotor near6 (core coil)) and ((first second two pair) near5 rotor) and	USPAT;	2003/09/02 17:21
		((oscillat\$4 vibrat\$4 signal\$4) near6 coil) and ((rotat\$4 near4 guid\$4) or	US-PGPUB;	
		((bearing or ring or annular) near4 (guid\$4 direct\$4 regulat\$4	ЕРО; ЛРО;	
		control\$4)))	DERWENT;	
			IBM_TDB	2002/00/02 14 42
-	199	((rotor near6 (core coil)) and ((first second two pair) near5 rotor) and	USPAT;	2003/09/03 14:43
		((oscillat\$4 vibrat\$4 signal\$4) near6 coil) and ((rotat\$4 near4 guid\$4) or	US-PGPUB;	
		((bearing or ring or annular) near4 (guid\$4 direct\$4 regulat\$4	EPO; JPO;	
İ		control\$4)))) and ((measur\$4 meter\$4 sens\$4 detect\$4 determin\$4	DERWENT;	
		estimat\$4 asses\$4) near4 (torsion\$4 rotat\$4 torque angular\$4 angle))	IBM_TDB	2002/00/02 15:14
-	142		USPAT;	2003/09/03 15:16
Ì		((oscillat\$4 vibrat\$4 signal\$4) near6 coil) and ((rotat\$4 near4 guid\$4) or	US-PGPUB;	
		((ring or annular) near4 (guid\$4 direct\$4 regulat\$4 control\$4)))) and	EPO; JPO;	
		((measur\$4 meter\$4 sens\$4 detect\$4 determin\$4 estimat\$4 asses\$4)	DERWENT;	
		near4 (torsion\$4 rotat\$4 torque angular\$4 angle))	IBM_TDB	2002/00/02 15 00
-	94		USPAT,	2003/09/03 15:08
		bearing) and ((oscillat\$4 vibrat\$4 signal\$4) near6 coil) and ((measur\$4	US-PGPUB;	
		meter\$4 sens\$4 detect\$4 determin\$4 estimat\$4 asses\$4) near4	ЕРО; ЈРО;	
		(torsion\$4 rotat\$4 torque angular\$4 angle))	DERWENT;	
			IBM_TDB	
-	120		USPAT;	2003/09/03 15:42
		((oscillat\$4 vibrat\$4 signal\$4) near6 coil) and ((ring annular) near4	US-PGPUB;	
		(guid\$4 direct\$4 regulat\$4 control\$4)) and ((measur\$4 meter\$4 sens\$4	ЕРО; ЈРО;	
		detect\$4 determin\$4 estimat\$4 asses\$4) near4 (torsion\$4 rotat\$4 torque	DERWENT;	
1		angular\$4 angle))	IBM_TDB	I

e2Y				
-	166	((((rotor near6 (core coil)) and ((first second two pair) near5 rotor) and ((oscillat\$4 vibrat\$4 signal\$4) near6 coil) and ((rotat\$4 near4 guid\$4) or ((ring or annular) near4 (guid\$4 direct\$4 regulat\$4 control\$4)))) and ((measur\$4 meter\$4 sens\$4 detect\$4 determin\$4 estimat\$4 asses\$4) near4 (torsion\$4 rotat\$4 torque angular\$4 angle))) ((rotor near6 (core coil)) and ((first second two pair) near5 rotor near8 bearing) and ((oscillat\$4 vibrat\$4 signal\$4) near6 coil) and ((measur\$4 meter\$4 sens\$4 detect\$4 determin\$4 estimat\$4 asses\$4) near4 (torsion\$4 rotat\$4 torque angular\$4 angle))) ((rotor near6 (core coil)) and ((first second two pair) near5 rotor) and ((oscillat\$4 vibrat\$4 signal\$4) near6 coil) and ((ring annular) near4 (guid\$4 direct\$4 regulat\$4 control\$4)) and ((measur\$4 meter\$4 sens\$4 detect\$4 determin\$4 estimat\$4 asses\$4) near4 (torsion\$4 rotat\$4 torque angular\$4 angle)))) and ((shaft bar column) near8 rotor)	USPAT; US-PGPUB; EPO; IPO; DERWENT; IBM_TDB	2003/09/03 16:18
	10	(((((rotor near6 (core coil)) and ((first second two pair) near5 rotor) and ((oscillat\$4 vibrat\$4 signal\$4) near6 coil) and ((rotat\$4 near4 guid\$4) or ((ring or annular) near4 (guid\$4 direct\$4 regulat\$4 control\$4)))) and ((measur\$4 meter\$4 sens\$4 detect\$4 determin\$4 estimat\$4 asses\$4) near4 (torsion\$4 rotat\$4 torque angular\$4 angle))) ((rotor near6 (core coil)) and ((first second two pair) near5 rotor near8 bearing) and ((oscillat\$4 vibrat\$4 signal\$4) near6 coil) and ((measur\$4 meter\$4 sens\$4 detect\$4 determin\$4 estimat\$4 asses\$4) near4 (torsion\$4 rotat\$4 torque angular\$4 angle))) ((rotor near6 (core coil)) and ((first second two pair) near5 rotor) and ((oscillat\$4 vibrat\$4 signal\$4) near6 coil) and ((ring annular) near4 (guid\$4 direct\$4 regulat\$4 control\$4)) and ((measur\$4 meter\$4 sens\$4 detect\$4 determin\$4 estimat\$4 asses\$4) near4 (torsion\$4 rotat\$4 torque angular\$4 angle)))) and ((shaft bar column) near8 rotor)) and (rotor near6 (conduct\$4 copper cu metal\$4 silver steel nickel) near6 (layer film strip))	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/09/03 15:23
-	10	(((((rotor near6 (core coil)) and ((first second two pair) near5 rotor) and ((oscillat\$4 vibrat\$4 signal\$4) near6 coil) and ((rotat\$4 near4 guid\$4) or ((ring or annular) near4 (guid\$4 direct\$4 regulat\$4 control\$4)))) and ((measur\$4 meter\$4 sens\$4 detect\$4 determin\$4 estimat\$4 asses\$4) near4 (torsion\$4 rotat\$4 torque angular\$4 angle))) ((rotor near6 (core coil)) and ((first second two pair) near5 rotor near8 bearing) and ((oscillat\$4 vibrat\$4 signal\$4) near6 coil) and ((measur\$4 meter\$4 sens\$4 detect\$4 determin\$4 estimat\$4 asses\$4) near4 (torsion\$4 rotat\$4 torque angular\$4 angle))) ((rotor near6 (core coil)) and ((first second two pair) near5 rotor) and ((oscillat\$4 vibrat\$4 signal\$4) near6 coil) and ((ring annular) near4 (guid\$4 direct\$4 regulat\$4 control\$4)) and ((measur\$4 meter\$4 sens\$4 detect\$4 determin\$4 estimat\$4 asses\$4) near4 (torsion\$4 rotat\$4 torque angular\$4 angle)))) and (rotor near6 (conduct\$4 copper cu metal\$4 silver steel nickel) near6 (layer film	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/09/03 15:24
-	114	strip)) (rotor near6 (core coil)) and ((second two pair) near5 rotor) and ((oscillat\$4 vibrat\$4 signal\$4) near6 coil) and ((ring annular) near4 (guid\$4 direct\$4 regulat\$4 control\$4)) and ((measur\$4 meter\$4 sens\$4 detect\$4 determin\$4 estimat\$4 asses\$4) near4 (torsion\$4 rotat\$4 torque angular\$4 angle))	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/09/03 16:32

	84	(((((rotor near6 (core coil)) and ((first second two pair) near5 rotor) and ((oscillat\$4 vibrat\$4 signal\$4) near6 coil) and ((rotat\$4 near4 guid\$4) or ((ring or annular) near4 (guid\$4 direct\$4 regulat\$4 control\$4)))) and ((measur\$4 meter\$4 sens\$4 detect\$4 determin\$4 estimat\$4 asses\$4) near4 (torsion\$4 rotat\$4 torque angular\$4 angle))) ((rotor near6 (core coil)) and ((first second two pair) near5 rotor near8 bearing) and ((oscillat\$4 vibrat\$4 signal\$4) near6 coil) and ((measur\$4 meter\$4 sens\$4 detect\$4 determin\$4 estimat\$4 asses\$4) near4 (torsion\$4 rotat\$4 torque angular\$4 angle))) ((rotor near6 (core coil)) and ((first second two pair) near5 rotor) and ((oscillat\$4 vibrat\$4 signal\$4) near6 coil) and ((ring annular) near4 (guid\$4 direct\$4 regulat\$4 control\$4)) and ((measur\$4 meter\$4 sens\$4 detect\$4 determin\$4 estimat\$4 asses\$4) near4 (torsion\$4 rotat\$4 torque angular\$4 angle)))) and ((shaft bar column) near8 rotor)) and ((rotor near6 (core coil)) and ((second two pair) near5 rotor) and ((oscillat\$4 vibrat\$4 signal\$4) near6 coil) and ((ring annular) near4 (guid\$4 direct\$4 regulat\$4 control\$4)) and ((ring annular) near4 (guid\$4 direct\$4 regulat\$4 control\$4)) and ((measur\$4 meter\$4 sens\$4 detect\$4 determin\$4 estimat\$4 asses\$4)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/09/03 16:18
-	84	near4 (torsion\$4 rotat\$4 torque angular\$4 angle))) ((rotor near6 (core coil)) and ((second two pair) near5 rotor) and ((oscillat\$4 vibrat\$4 signal\$4) near6 coil) and ((ring annular) near4 (guid\$4 direct\$4 regulat\$4 control\$4)) and ((measur\$4 meter\$4 sens\$4 detect\$4 determin\$4 estimat\$4 asses\$4) near4 (torsion\$4 rotat\$4 torque angular\$4 angle))) and ((shaft bar column) near8 rotor)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB	2003/09/03 16:19
-	18	(rotor near6 (core coil)) and ((oscillat\$4 vibrat\$4 signal\$4) near6 coil) and (((ring rotat\$4 annular) near4 (guid\$4 direct\$4 regulat\$4 control\$4)) or bearing) and ((measur\$4 meter\$4 sens\$4 detect\$4 determin\$4 estimat\$4 asses\$4) near4 (torsion\$4 rotat\$4 torque)) and ((second plural\$4 two pair) near3 rotor near6 (nonmagnetic\$4 insulat\$4 resin\$4))	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/09/04 16:36
-	18	4522278.URPN.	USPAT	2003/09/03 16:57
-	2	4996890.pn. 5490431.pn.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/09/04 15:37
-	17	((measur\$4 meter\$4 sens\$4 detect\$4 determin\$4 estimat\$4 asses\$4) near4 (torsion\$4 rotat\$4 torque)) same ((second plural\$4 two pair) near3 rotor near6 (nonmagnetic\$4 insulat\$4 resin\$4))	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/09/04 16:40
-	6	((measur\$4 meter\$4 sens\$4 detect\$4 determin\$4 estimat\$4 asses\$4) near4 (torsion\$4 rotat\$4 torque)) same (rotor near6 (nonmagnetic\$4 insulat\$4 resin\$4) same ((second plural\$4 two pair) near3 rotor near4 ((nonmagnetic\$4 near3 metal\$4) or copper or cu)))	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/09/11 16:00
-	15843	((measur\$4 meter\$4 sens\$4 detect\$4 determin\$4 estimat\$4 asses\$4) near4 (torsion\$4 rotat\$4 torque)) and ((conduct\$4 metal\$4) near4 (film layer cover\$4 coat\$4 sheet))	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/09/11 12:53
-	530	(((measur\$4 meter\$4 sens\$4 detect\$4 determin\$4 estimat\$4 asses\$4) near4 (torsion\$4 rotat\$4 torque)) and ((conduct\$4 metal\$4) near4 (film layer cover\$4 coat\$4 sheet))) and (((conduct\$4 metal\$4) near4 (film layer cover\$4 coat\$4 sheet)) same ((nonconducti\$4 nonmagnetic\$4 non?conduct\$4 non?magnetic\$4 insulat\$4) near6 (metal\$4 cu copper) near6 (bod\$4 element film ring portion circumferen\$6 surround\$4 encircl\$4)))	US-PGPUB; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/09/11 13:01

-	50	((((measur\$4 meter\$4 sens\$4 detect\$4 determin\$4 estimat\$4 asses\$4)	USPAT;	2003/09/11 13:00
		near4 (torsion\$4 rotat\$4 torque)) and ((conduct\$4 metal\$4) near4 (film	US-PGPUB;	
		layer cover\$4 coat\$4 sheet))) and (((conduct\$4 metal\$4) near4 (film	ЕРО; ЛРО;	
	ļ	layer cover\$4 coat\$4 sheet)) same ((nonconducti\$4 nonmagnetic\$4	DERWENT;	
		non?conduct\$4 non?magnetic\$4 insulat\$4) near6 (metal\$4 cu copper)	IBM_TDB	
		near6 (bod\$4 element film ring portion circumferen\$6 surround\$4	15111_155	
		encircl\$4)))) and rotor		
	202		TIODAT.	2002/00/11 12:02
-	203	((((measur\$4 meter\$4 sens\$4 detect\$4 determin\$4 estimat\$4 asses\$4)	USPAT;	2003/09/11 13:02
		near4 (torsion\$4 rotat\$4 torque)) and ((conduct\$4 metal\$4) near4 (film	US-PGPUB;	
		layer cover\$4 coat\$4 sheet))) and (((conduct\$4 metal\$4) near4 (film	ЕРО; ЈРО;	
		layer cover\$4 coat\$4 sheet)) same ((nonconducti\$4 nonmagnetic\$4	DERWENT;	
		non?conduct\$4 non?magnetic\$4 insulat\$4) near6 (metal\$4 cu copper)	IBM_TDB	
		near6 (bod\$4 element film ring portion circumferen\$6 surround\$4		
		encircl\$4)))) and (rotor shaft)		
	552	(((measur\$4 meter\$4 sens\$4 detect\$4 determin\$4 estimat\$4 asses\$4)	USPAT;	2003/09/11 13:02
		near4 (torsion\$4 rotat\$4 torque)) and ((conduct\$4 metal\$4) near4 (film	US-PGPUB;	
		layer cover\$4 coat\$4 sheet))) and (((conduct\$4 metal\$4) near4 (film	EPO; JPO;	
		layer cover\$4 coat\$4 sheet)) same ((nonconducti\$4 nonmagnetic\$4	DERWENT;	
		non?conduct\$4 non?magnetic\$4 insulat\$4) near6 (metal\$4 cu copper)	IBM_TDB	
		near6 (bod\$4 foil element film ring portion circumferen\$6 surround\$4	IDM_1DD	
	1			
	215	encircl\$4)))	HODAT	2002/00/22 14 14
	212	((((measur\$4 meter\$4 sens\$4 detect\$4 determin\$4 estimat\$4 asses\$4)	USPAT;	2003/09/12 14:14
		near4 (torsion\$4 rotat\$4 torque)) and ((conduct\$4 metal\$4) near4 (film	US-PGPUB;	
		layer cover\$4 coat\$4 sheet))) and (((conduct\$4 metal\$4) near4 (film	ЕРО; ЈРО;	
		layer cover\$4 coat\$4 sheet)) same ((nonconducti\$4 nonmagnetic\$4	DERWENT;	
		non?conduct\$4 non?magnetic\$4 insulat\$4) near6 (metal\$4 cu copper)	IBM_TDB	
		near6 (bod\$4 foil element film ring portion circumferen\$6 surround\$4		
		encircl\$4)))) and (rotor shaft)		
	6	("4356732"   "4881414"   "5200698"   "5390546"   "5426986"	USPAT	2003/09/11 13:12
		"5578767").PN.		
-	6	("4356732 <sup>*</sup>   "4881414"   "5200698"   "5390546"   "5426986"	USPAT	2003/09/11 13:53
		"5578767").PN.		
	14	((measur\$4 meter\$4 sens\$4 detect\$4 determin\$4 estimat\$4 asses\$4)	USPAT;	2003/09/11 16:57
		near4 (torsion\$4 rotat\$4 torque)) and (rotor near6 (nonmagnetic\$4	US-PGPUB;	
		insulat\$4 resin\$4) and ((second plural\$4 two pair) near3 rotor near4	ЕРО; ЛРО;	
		((nonmagnetic\$4 near3 metal\$4) or copper or cu)))	DERWENT;	
		((nontriagnetics + nears means +) or copper or cujjj	IBM_TDB	
	10	((measur\$4 meter\$4 sens\$4 detect\$4 determin\$4 estimat\$4 asses\$4)	USPAT;	2003/09/11 17:15
	10	near4 (torsion\$4 rotat\$4 torque)) and ((rotor_shaft) near6	US-PGPUB;	2003/03/11 17.13
		(nonmagnetic\$4 insulat\$4 resin\$4) and ((second plural\$4 two pair)	ЕРО; ЛРО;	
		near3 (shaft rotor) near4 ((nonmagnetic\$4 near3 metal\$4) or copper or	DERWENT;	
		cu))) and ((serrat\$4 project\$4 layer film) near6 (circumferen\$6	IBM_TDB	
		surround\$4 encircl\$4) near4 (rotor shaft))		
-	14	((((measur\$4 meter\$4 sens\$4 detect\$4 determin\$4 estimat\$4 asses\$4)	USPAT;	2003/09/12 14:28
		near4 (torsion\$4 rotat\$4 torque)) and ((conduct\$4 metal\$4) near4 (film	US-PGPUB;	
		layer cover\$4 coat\$4 sheet))) and (((conduct\$4 metal\$4) near4 (film	ЕРО; ЛРО;	
		layer cover\$4 coat\$4 sheet)) same ((nonconducti\$4 nonmagnetic\$4	DERWENT;	
		non?conduct\$4 non?magnetic\$4 insulat\$4) near6 (metal\$4 cu copper)	IBM TDB	
		near6 (bod\$4 foil element film ring portion circumferen\$6 surround\$4	_	
		encircl\$4)))) and (rotor shaft) and (core near4 insulat\$4)	l	
_	283	((measur\$4 meter\$4 sens\$4 detect\$4 determin\$4 estimat\$4 asses\$4)	USPAT;	2003/09/12 14:33
-	203	near4 (torsion\$4 rotat\$4 torque)) and (rotor shaft) and (core near4	US-PGPUB;	2005/05/12 14.55
		insulat\$4)	EPO; JPO;	
			DERWENT;	
			IBM_TDB	
-	8	(((measur\$4 meter\$4 sens\$4 detect\$4 determin\$4 estimat\$4 asses\$4)	USPAT;	2003/09/12 14:31
		near4 (torsion\$4 rotat\$4 torque)) and (rotor shaft) and (core near4	US-PGPUB;	
		insulat\$4)) and 73/\$6.ccls.	EPO; JPO;	
	1		DERWENT;	
	i		IBM_TDB	



30	((measur\$4 meter\$4 sens\$4 detect\$4 determin\$4 estimat\$4 asses\$4) near4 (torsion\$4 rotat\$4 torque)) and (rotor shaft) and (core near4 insulat\$4 near4 magnetic\$4)	USPAT; US-PGPUB; EPO; JPO;	2003/09/12 14:34
		DERWENT; IBM_TDB	